


RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL, GAS AND GEOTHERMAL RESOURCES
REPORT OF PROPERTY AND WELL TRANSFER

Field or county Wilmington		District - Cypress (D1)	
Former owner Four Teams Oil Production & Exploration Company, Inc.		Opcode: F1535	Date August 12, 2010
<p>SEE ATTACHMENT</p>			
Name and location of well(s)			
Description of the land upon which the well(s) is (are) located			
See Attachment			
Date of transfer, sale, assignment, conveyance, or exchange 8/1/2010	New Owner E & B Natural Resources Management Corp.	Operator code E0100	Type of Organization Corporation
	Address 1600 Norris Road Bakersfield, CA 93308		Telephone No. (661) 679-1700
Reported by OG30A received 8/11/2010 signed by both parties			
Confirmed by. Same as above			
New operator new status (status abbreviation) PA	Request Designation of Agent Jeffrey Blesener		
Old operator new status (status abbreviation) PA	Remarks See Operator File		
Deputy Supervisor Kenneth Carlson		Signature  Chris McCullough, Associate Engineer	

OPERATOR STATUS ABBREVIATIONS

PA - Producing Active	FORM AND RECORD CHECK LIST					
NPA - No Potential Active	Form or record	Initials	Date	Form or record	Initials	Date
PI - Potential Inactive	Form OGD121			Map and Book		
NPI - No Potential Inactive	Well records			Lease Files		
Ab - Abandoned or No More Wells	New well cards			Well Stat		

OGD156 (Modified 1/00)

E & B Natural Resources Mgmt. Corp.

WELL TRANSFER NOTICE

On 12-21-98

XL OPERATING COMPANY

transferred

all wells in the Wilmington field

(See OGD156 dated December 21, 1998 for complete list)

to

FOUR TEAMS OIL PROD. & EXPL., INC.

WELL TRANSFER NOTICE

Effec February 7, 1997

XTRA ENERGY CORPORATION

TRANSFERRED

all wells Wilmington

(See Operator File for Complete List)

TO

XL OPERATING COMPANY

SEE OGD156 DATED 02-7-97

DIVISION OF OIL AND GAS

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Company Xtra Energy Corp. Well No. WNF-E"50
 API No. 037-228840 Sec. 29, T. 45, R. 13W, SB B.&M.
 County _____ Field Wilmington

<u>RECORDS RECEIVED</u>	<u>DATE</u>
Well Summary (Form OG100)	<u>10/26/83</u> (2)
History (Form OG103)	<u>10/26/83</u> (2)
Core Record (Form OG101)	
Directional Survey	<u>10/26/83</u> (2)
Sidewall Samples	
Other	
Date final records received	
Electric logs:	
<u>Indust. E. log 245</u>	<u>10/26/83</u> (2)

<u>STATUS</u>	<u>STATUS</u>
Producing - Oil <input checked="" type="checkbox"/>	Water Disposal _____
Idle - Oil _____	Water Flood _____
Abandoned - Oil _____	Steam Flood _____
Drilling - Idle _____	Fire Flood _____
Abandoned - Dry Hole _____	Air Injection _____
Producing - Gas _____	Gas Injection _____
Idle - Gas _____	CO ₂ Injection _____
Abandoned - Gas _____	LPG Injection _____
Gas-Open to Oil Zone _____	Observation _____
Water Flood Source _____	
DATE <u>7-23-83</u>	
RECOMPLETED _____	
REMARKS _____	

- ENGINEER'S CHECK LIST**
- Summary, History, & Core record (dupl.) ☒
 - Electric Log ☒
 - Operator's Name _____
 - Signature _____
 - Well Designation _____
 - Location _____
 - Elevation _____
 - Notices ☒
 - "T" Reports ☒
 - Casing Record _____
 - Plugs _____
 - Surface Inspection _____
 - Production _____
 - E Well on Prod. Dir. Sur. ☒

- CLERICAL CHECK LIST**
- Location change (F-OGD165) _____
 - Elevation change (F-OGD165) _____
 - Form OGD121 _____
 - Form OG159 (Final Letter) _____
 - Form OGD150b (Release of Bond) _____
 - Duplicate logs to archives _____
 - Notice of Records due (F-OGD170) _____

TD 3936'

Update Center
1/6/84
cm

RECORDS NOT APPROVED
 Reason: _____

RECORDS APPROVED 11-18-83

RELEASE BOND _____
 Date Eligible _____
 (Use date last needed records were received.)
MAP AND MAP BOOK 128

CHECK LIST - RECORDS RECEIVED AND WELL STATUS

Well No. _____

API No. _____ Sec. _____, T. _____, R. _____, _____ B.&M.

WORK PERFORMED

STATUS

DATE

Drill _____ Redrill _____ Deepen _____

Producing _____

Plug _____ Alter Casing _____

Recompleted Producing _____

Water Flood _____ Water Disposal _____

Water Flood _____

Abandon _____

Water Disposal _____

Other _____

Abandoned _____

Other _____

MAP AND BOOK _____ Engineer _____

RECORDS FILED AND DATE Clerk _____

RECORDS & REQUIREMENTS CHECKED Engineer _____

Summary _____

Log and Core _____

History _____

E-log _____

Directional Survey _____

Other _____

(Check records for signature and correct name of operator or well, section, township, range, and field.)

Location _____ Notice states _____

Surface Inspection _____

Data Needed _____

Request Records _____ OGD170 _____

Correct records _____ OGD165 _____

(Specify)

CARDS _____

BOND _____

Hold _____ Reason _____

Release _____ Date Eligible _____ OGD150 _____

End premium year _____

Release requested _____

Bond superseded _____ (Check One)

Well abandoned _____

Elevation _____ Notice states _____

Production Reports _____

Environmental Inspection _____ Engineer _____

FINAL LETTER _____ OGD159 _____

and

File cleared _____ OGD121 _____

(If production reports not received, make notation and inform Senior Stenographer when received.)

WELL SUMMARY REPORT

Operator Xtra Energy Corporation		Well 450 "WNE-I" 50				
Field Wilmington		County Los Angeles	Sec. 29	T. 4S	R. 13W	B.&M. S.B.
Location (Give surface location from property or section corner, street center line and/or California coordinates) 497' North & 827' East at right angles from the centerlines of Main St. and Lomita Blvd. in the city of Carson.					Elevation of ground above sea level	
Commenced drilling (date) July 7, 1983	Total depth		Depth measurements taken from top of:			
Completed drilling (date) July 23, 1983	(1st hole) 3936'	(2nd)	(3rd)	<input type="checkbox"/> Derrick Floor <input type="checkbox"/> Rotary Table <input checked="" type="checkbox"/> Kelly Bushing Which is 22 feet above ground		
Commenced producing (date) August 24, 1983	Present effective depth 3936'		GEOLOGICAL MARKERS			
<input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas lift	Junk		"F" Marker 3812'			
Name of producing zone(s) Ranger		Formation and age at total depth				

	Clean Oil (bbl per day)	Gravity Clean Oil	Percent Water Including emulsion	Gas (Mcf per day)	Tubing Pressure	Casing Pressure
Initial Production	2	14	99.2	0	15	48
Production After 30 days	14	14	96.0	0	10	45

CASING RECORD (Present Hole)

Size of Casing (API)	Top of Casing	Depth of Shoe	Weight of Casing	Grade and Type of Casing	New or Second Hand	Size of Hole Drilled	Number of Sacks or Cubic Feet of Cement	Depth of Cementing (if through perforations)
10 3/4"	Surf	600'	40.5#	K-55	New	14 3/4"	450 sx	
7"	Surf	3812'	23#	K-55	New	9 7/8"	311 sx	
5"	3760'	3936'	18#	K-55	New	9 7/8"	12" Gvl Packed	

PERFORATED CASING (Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

5" Wire wrapped Johnson "Pipeless" screen liner w/ 0.012" slots.

Gravel packed w/ 245 sx 20-40 mesh gravel. See attached liner detail.

Was the well directionally drilled? If yes, show coordinates at total depth

☒ Yes ☐ No 932' South & 1468' East of Surf. location TVD = 3354'

Electrical log depths

3936' - 600'

Other surveys

None

In compliance with Sec. 3215, Division 3 of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

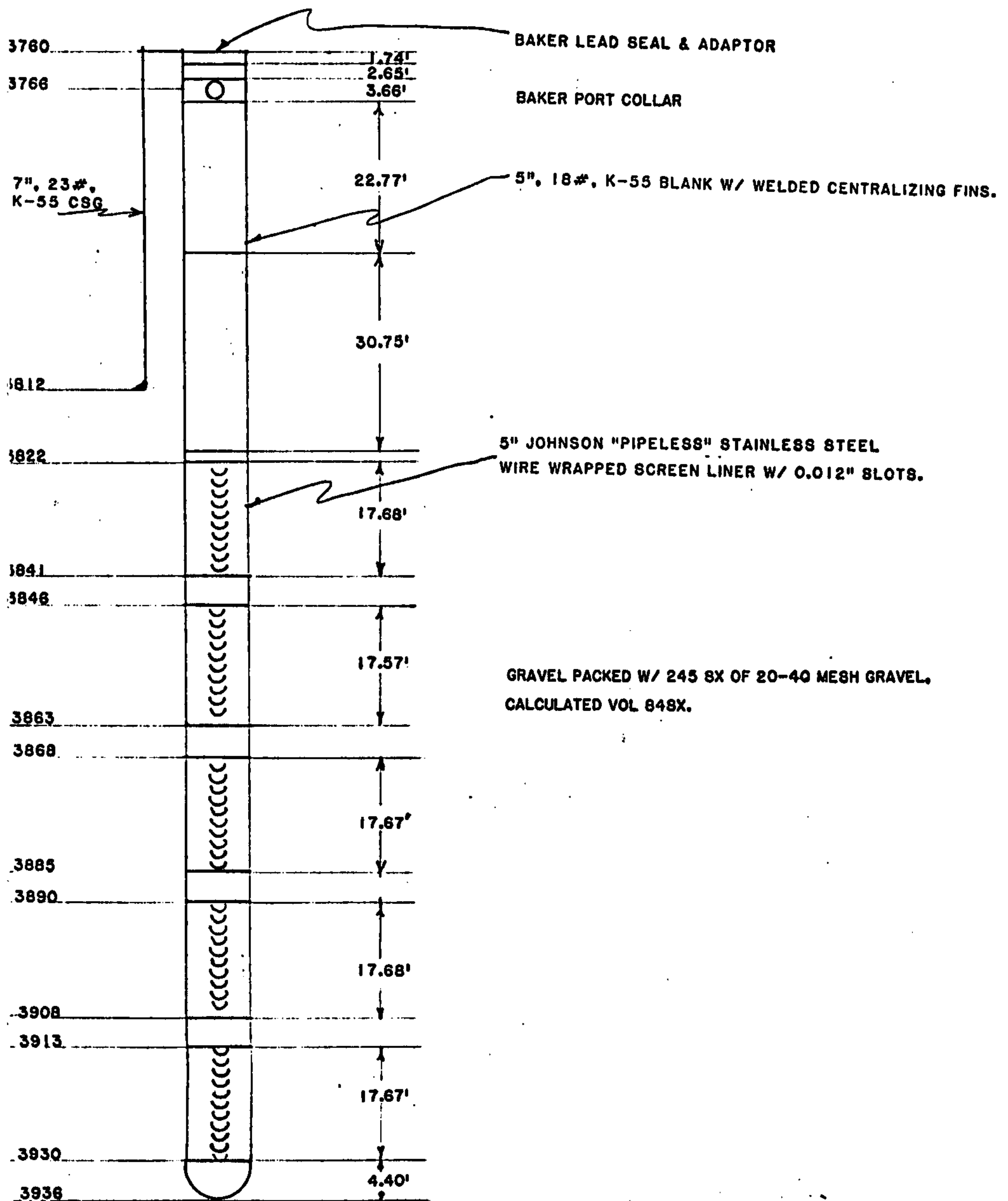
Name Xtra Energy Corporation		Title Senior Vice President	
Address 2501 Cherry Avenue Suite 270		City Signal Hill CA	Zip Code 90806
Telephone Number (213) 424-8549	Signature <i>John De Carmichael</i>	Date 10-24-83	

SUBMIT IN DUPLICATE

XTRA ENERGY CORP.

LINER DETAIL

WELL NO. 50



JDC/7-83

RECEIVED
OCT 26 12 39 PM '83
DIVISION OF GAS
LONG BEACH, CA.

SUBMIT IN DUPLICATE
RESOURCES AGENCY OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

History of Oil or Gas Well

Operator Xtra Energy Corp. Field Wilmington County Los Angeles
Well 50 "WNF-I" 50 , Sec. 29 , T 4S , R 13W , S. B. & M.
A.P.I. No. 037-22884 Name John D. Carmichael Title Senior Vice President
Date July 25, 1983 (Person submitting report) (President, Secretary or Agent)

Signature

John D. Carmichael

2501 Cherry Avenue Suite 270 Signal Hill CA 90806 (213) 424-8549
(Address) (Telephone Number)

History must be complete in all detail. Use this form to report all operations during drilling and testing of the well or during redrilling or altering the casing, plugging, or abandonment with the dates thereof. Include such items as hole size, formation test details, amounts of cement used, top and bottom of plugs, perforation details, sidetracked junk, bailing tests and initial production data.

Date	
7-8-83	MI fr Well # 51, RU, spud in @ 6 A.M., drld & surveyed 14-3/4" hole fr 60' to 485' @ 6 A.M. SS @ 390', bulls eye! CB mud wt 73#/CF, Vis 47", WL 7.2 cc, Cake 2/32", Solids 12.0%, Sand 1.0%, 1600 ppm Cl, Oil 2.0%, pH 10.0.
7-9-83	Cont'd drlg & surveying 14-3/4" hole fr 485' 615', C & C mud, wipe hole, POH, H & H Tong Serv ran 602' of 10-3/4", K-55, 40.5# csg, shoe @ 600', B-J pmpd 20 bbls dye wtr, 300 sx "G" cmt mxd 1:1:4, 150 sx "G" neat cmt, all cmt mxd w/2% CaCl ₂ , good circ thru job but no cmt rtns, total slurry 791 CF, pmpd 50 sx top job thru 90' of 1" tbg, good rtns, CIP @ 5 P.M. WOC until 8 P.M., cut off 28.00' of 10-3/4" csg, weld on 7" csg head, instld BOP, RIH w/9-7/8" drlg assy, tst csg & BOP w/1000 psi, OK by DOG @ 6 A.M. CB mud wt 72#/CF, Vis 43", WL 5.6 cc, Cake 2/32", Solids 10.0%, Sand 0.25%, 1750 ppm Cl, Oil 0.0%, pH 11.9.
7-10-83	C/O cmt fr 585', D/O shoe @ 600', C/O to 615', drld 9-7/8" hole to 625', POH, RIH w/Dynadril, drld & surveyed 9-7/8" hole fr 625' to 1263', POH w/Dynadril, RIH w/angle bldg assy, C/O Dynadril run, drld & surveyed fr 1268' to 1682' @ 6 A.M. SS @ 1652', 36°, S 56° 30' E, hole is 6' rt & 25' lo. CB mud wt 72#/CF, Vis 45", WL 4.9 cc, Cake 2/32", Solids 10.0%, Sand 0.25%, 1400 ppm Cl, Oil -, pH 10.3.
7-11-83	Cont'd drlg 9-7/8" hole fr 1682' to 1714', RT for locked assy, drld to 2134', RT for angle dropping assy, drld to 2641', RT for Dynadril, now orientating Dynadril @ 6 A.M. SS @ 2641', 39° S 54° 30' E, hole is 34' rt & 32' hi. CB mud wt 73#/CF, Vis 47", WL 4.7 cc, Cake 2/32", Solids 11.0%, Sand 0.25%, 1350 ppm Cl, Oil -, pH 9.6.
7-12-83	Dynadrld 9-7/8" hole fr 2641' to 2742', RT for angle dropping assy, drld to 2827' brk survey wire, RT to retrieve tools, cont'd drlg to 3167' @ 6 A.M. SS @ 3137', 37°, S 61° E, hole is 22' rt & 25' hi. CB mud wt 73#/CF, Vis 50", WL 4.5 cc, Cake 2/32", Solids 11.0%, Sand 0.25%, 1300 ppm Cl, Oil -, pH 10.0, Rotating time 14.0 hours.

- 7-13-83 Cont'd drlg & surveying 9-7/8" hole fr 3167' to 3501', RTCB, drld to 3830' @ 6 A.M. SS @ 3744', 34°30', S 59°30' E, hole is 2.5' rt, 12' hl. CB mud wt 75#/CF, Vis 50", WL 4.6 cc, Cake 2/32", Solids 12.0%, Sand 0.25%, 1300 ppm Cl, Oil 0.0%, pH 9.8. Rotating time 19.5 hours.
- 7-14-83 Cont'd drlg & surveying 9-7/8" hole fr 3830' to 3921', made wiper trip to 600', C & C mud for log, POH, D-A unable to go below 3836' w/sonde, ran IES log to 600', RIH w/9-7/8" drlg assy, reamed fr 3836' to 3921', drld to 3936', C & C mud, D-A ran IES fr 3936' to 3700', RIH to 3936', C & C mud for 7" csg @ 6 A.M. SS @ 3921', 33°, S 59° 30' E, hole is 2' low and on line for direction. CB mud wt 74#/CF, Vis 40", WL 4.8 cc, Cake 2/32", Solids 11.5%, Sand 0.25%, 1350 ppm Cl, Oil -, pH 8.8.
- 7-15-83 POH & LD 4-1/2" DP, H & H Tong Serv ran 104 jts 7", 23#, K-55 Buttress csg, Bkr shoe @ 3812', Bkr FC @ 3737', B-J cmtd w/80 CF mud sweep followed by 211 sx "G" cmt mxd 1:1:4, followed by 100 sx "G" neat cmt, bmpd plg w/1000 psi, CIP @ 4:40 P.M. Rmvd BOP, cut off 28.81' of 7" csg, weld on tbg head, instld & tstd BOP w/1000 psi, OK, RIH w/6-1/4" bit, P/U 3-1/2" DP, fnd cmt @ 3733', now C/O @ 6 A.M. CB mud wt 74#/CF, Vis 51", WL 5.1 cc, Cake 2/32", Solids 11.5%, Sand 0.25%, 1350 ppm Cl, pH 8.9.
- 7-16-83 C/O cmt fr 3733', FC @ 3737', cmt to 3800', POH, WOC, RIH w/Howco WSO tstr, perf'd 4 1/2" holes @ 3800', set pkr @ 3760', hvy blo, fluid to surf in 29 min, wtr & hvy crude, C & C mud, POH, RIH w/RTTS, set @ 3693', pmpd 100 sx "G" cmt mxd w/2% CaCl₂, brk form w/2000 psi @ 4 bbls/min, sqzd to final press of 1300 psi, 100 CF in form, CIP @ 11 P.M., press
- 7-17-83 D/O to 3802', C & C mud, POH, RIH w/Howco WSO tools, perf'd 4 1/2" holes @ 3802', pkr @ 3759', opn tool 1 hr, POH, WSO approved by DOG, RIH w/6-1/4" bit, D/O shoe @ 3812', C/O to 3936', chng over to Polymer mud, POH, RIH w/King under reamer, opn 9-7/8" hole to 12" fr 3812' to 3936', gauge ream hole, circ cln, POH @ 6 A.M. Polymer mud wt 73#/CF, Vis 39", WL 14.0 cc, Cake - film, Solids 2.9%, Sand - trace, 110,000 ppm Cl, Oil 0.0%, pH 8.8.
- 7-18-83 Fin POH w/under reamer, RIH w/185' of 5" lnr, well started flowing, unable to run lnr below 3895', POH, LD lnr, RIH w/bit, stopped @ 3859', C/O to 3936', C & C mud @ 6 A.M. Polymer mud wt 73#/CF, Vis 38", WL 13.0 cc, Cake - film, Solids 4.5%, Sand 0.75%, 88,000 ppm Cl, Oil - 0%.
- 7-19-83 POH, RIH w/King under reamer, regauge hole fr 3812' to 3936', tight hole @ 3834', sand kept running, chng out mud system to 85#/CF CaCl₂ polymer, regauge hole, tight @ 3886', cont'd reaming ** circ until hole stabilized, spot hi vis pill, now POH @ 6 A.M. Polymer mud wt 85#/CF, Vis 45", WL 12.0 cc, Cake - film, Solids 1.0%, Sand - trace, 230,000 ppm Cl, Oil -, pH 6.8.
- 7-20-83 Fin POH, RIH w/5" lnr, shoe @ 3936', Bkr started gvl pkg w/300 psi, press rose to 1100 psi after 35 sx, rvse out, cont'd gvl pkg, press @ 500 psi, slow dn to 2 sx/hr, chkd for wshd lnr & pkr cups OK, cont'd gvl pkg, press rose to 1100 psi after 96 sx, rvse out 5 sx, bk off lnr, total of 91 sx 20-40 mesh gvl, Calc 84 sx, POH w/gvl pkg tools @ 6 A.M. Polymer mud wt 84#/CF, Vis 45", WL 13.0 cc, Cake - film, Solids 1.5%, Sand - trace, 226,000 ppm Cl, Oil - trace, pH 7.0.

- 7-21-83 RIH w/lead seal, drove over lnr adaptor, top @ 3760', POH, D-A attempt to run gvl pk log, stopped @ 3870', RIH w/OE tbg, C/O snd to btm 3936', P/U, pmpd D-A tool dn, ran gvl log, indicated good gvl pk fr 3870' to btm 3936' w/bridge @ 3860' to 3840', POH, RIH w/ J. B. Nelson perf wshr, wshd fr 3875' to 3792' for 3 hrs, wshd fr 3936' to 3792', no formation snd in mud, no fill in lnr, POH, RIH w/Bkr PC tool to gvl pk thru PC @ 6 A.M. Polymer mud wt 84#/CF, Vis 44", WL 13.2 cc, Cake - film, Solids 2.0%, Sand - trace, 230,000 ppm Cl, Oil - trace, pH 7.1.
- 7-22-83 Loc & opn PC @ 3766', Bkr gvl pkd thru PC w/154 sx additional 20-40 mesh snd, total of 245 sx, Calc 84 sx, final press 1600 psi, clsd & tstd PC w/1000 psi, circ cln, POH w/PC straddle tool, RIH w/OE DP, D-A RU & ran Photon gvl pk log, indicated 95+% gvl pk, chng over to wtr @ 6 A.M. Polymer mud wt 84#/CF, Vis 42", WL 13.4 cc, Cake - film, Solids 2.0%, Sand
- 7-23-83 Chng over to wtr, POH & LD 3-1/2" DP, rmve BOP, instld tbg top, RR @ 2 A.M. 7-23-83. RD to move to Well No. 49.

NO. 100-100000
SAC, NEW YORK
JUL 25 12 35 PM '63
CLERK

STATE OF CALIFORNIA
DEPARTMENT OF CONSERVATION
DIVISION OF OIL AND GAS

REPORT ON PROPOSED CHANGE OF WELL DESIGNATION

Long Beach, California

October 17, 1983

John D. Carmichael, Agent
XTRA ENERGY CORPORATION
2501 Cherry Avenue, Suite 270
Signal Hill, CA 90806

Your request, dated September 15, 1983, proposing to change the designation of
see
well(s) in Sec. below, T. 4S, R. 13W, S. H. B. & M., Wilmington field,
Los Angeles County, District No. 1, has been received.

The proposed change in designation, in accordance with Section 3203, Public Resources Code, is authorized
as follows: Sec. 19-4S-13W

OLD	NEW	DESIGN.	API
8	"WNF-I"	8	22620
10	"WNF-I"	10	22611
18	"WNF-I"	18	22853
19	"WNF-I"	19	22846
20	"WNF-I"	20	22652
23	"WNF-I"	23	22672
26	"WNF-I"	26	22666-01
27	"WNF-I"	27	22673
28	"WNF-I"	28	22674
29	"WNF-I"	29	22648
43	"WNF-I"	43	22682
Sec. 20-4S-13W			
42	"WNF-I"	42	22689
44	"WNF-I"	44	22820

OLD	NEW	API
"American Can" 1	"WNF-I" 12	21433
" 2	"WNF-I" 15	21644
" 3	"WNF-I" 3	21768
"Dasco Unit" 1	"WNF-I" 1	21671
I-14	"WNF-I" 11	22603
"Purex Unit" 1	"WNF-I" 9	21669
" 2	"WNF-I" 5	21753
" 3	"WNF-I" 4	21754
"Sanitation Unit" 1	"WNF-I" 21	21445
Sec. 20-4S-13W		
31 "WNF-I" 31	22767	36 "WNF-I" 36 22769
33 "WNF-I" 33	22768	37 "WNF-I" 37 22796
34 "WNF-I" 34	22787	38 "WNF-I" 38 22752
35 "WNF-I" 35	22795	39 "WNF-I" 39 22754

EDP
Update
Conservation Committee
Long Beach Dept. of Oil Properties
OGD 157 (3-79-DWRR-1M)

M. G. MEFFERD, State Oil and Gas Supervisor

By Richard C. Gaeede
FOR V. F. GAEDE, Deputy Supervisor

Sec. 20-4S-13W

OLD	NEW	API 037-
"Shell Unit" 1	"WNF-I" 32	21729
"Shell Unit" 2	"WNF-I" 40	21769

Sec. 29-4S-13W

"Lomita Unit" 1	"WNF-I" 67	22487
49	"WNF-I" 49	22886
50	"WNF-I" 50	22884
51	"WNF-I" 51	22885
53	"WNF-I" 53	22874
54	"WNF-I" 54	22871
56	"WNF-I" 56	22865
57	"WNF-I" 57	22815

DIVISION OF OIL AND GAS

Report on Operations

SEC. 3606 WELL

John D. Carmichael, Agent
XTRA ENERGY CORPORATION
Box "9"
Signal Hill, CA 90801

Long Beach, Calif.
July 25, 1983

Your operations at well 50, API No. 037-22884,
Sec. 29, T. 4S, R. 13W S.B. B. & M. Wilmington Field, in Los Angeles County,
were witnessed on 7/16/83 by G. Muggelberg, Engineer, representative of
the supervisor, was present from 1330 to 1430. There were also present Floyd Millien,
Drilling Foreman
Present condition of well: 16" dr 90'; 10-3/4" cem 608'; 7" cem 3812', cp 3800', perf 3802'
WSO. TD 3936' (drilling).

The operations were performed for the purpose of testing the 7" shut-off at 3802' with a
formation tester.

DECISION: APPROVED

NOTE: DEFICIENCIES TO BE CORRECTED
NONE

DEFICIENCIES CORRECTED
One wet test

CONTRACTOR - Cal Pacific Drilling Co.

GM: csm

cc: Update

ST CORDOVA
ACTING State Oil and Gas Supervisor
By V.F. GAEDE
ACTING Deputy Supervisor

Operator Xtra Energy Corp.Well designation 50 Sec. 29, T. 4S, R. 13W, SB B.&M.Field Wilmington, County Los Angeles was tested for water shutoff on 7/16/83. (Name) G. Muggelberg, representative of the supervisor, was present from 1330 to 1430. Also present were Floyd Million (D.E.)

Casing record of well:

16" dr 90'; 10 3/4" cem 608'; 7" cem 3812'; cp 3800'; perf 3802' WSO. TD 3936' (drilling).The operations were performed for the purpose of (D-1) 7" 3802'

- ☒ The 7 " shutoff at 3802 ' is approved.
- ☐ The seal between the _____ " and _____ " casings is approved.
- ☐ The operations are approved as indicating that all of the injection fluid is confined to the formations below _____ ' at this time.

Hole size: 9 7/8 " fr. 615 ' to 3936 ' ; _____ " to _____ ' ; & _____ " to _____ '

Casing				Cemented			Top of Fill		Sqd. Away	Final Press	Test psi/min. Perfs.
Size	Wt.	Top	Bottom	Date	MO-Depth	Volume	Annulus	Casing			
7"	23#	Ø	3812'	7/15/83	Bump Plugs	3115 cu	-	3733	-	1200	-
"	"	"	"	"	Pkr @ 3693'	100 cks	-	-	114 cF	2750	3800'

Depth or interval tested Four 1/2" holes @ 3802The hole was open to 3802 ' for test.

FORMATION TEST:

Packer(s) 3760 ' & - ' Tail 3780 ' Bean size 3/4 " Cushion ØIHP 1561 IFP 137 FFP 137 FHP 1476Blow Moderate 60 mmOpen for test 1 Hr. Ø min. Fluid entry 270' gas cut mod

BAILING TEST:

The hole fluid was bailed to _____ ' , at _____ on _____ 19__.

The hole fluid was found at _____ ' , at _____ on _____ 19__.

(time)

PRODUCTION TEST:

Gauge/meter reading _____ on _____ 19__, at _____ pump depth _____ ' Engr. _____

Gauge/meter reading _____ on _____ 19__, at _____ Engr. _____

Fluid level _____ ' surveyed on _____ 19__, reviewed (witnessed) by _____

Total fluid produced, Bbls. _____ Net oil _____ Water _____

Rate: _____ B/D oil, _____ B/D water, _____ % water cut

INJECTION SURVEY:

RA/Spinner/Temperature survey run at _____ B/D & _____ psi on _____ 19__,

fluid confined below _____ ' (Packer depth _____ ')

16" dr 90'

DEFICIENCIES—TO BE CORRECTED

None

DEFICIENCIES—CORRECTED

One wet test

CONTRACTOR

Cal Pacific Drilling Co.

DIVISION OF OIL AND GAS

Report on Operations

SEC. 3606 WELL

John D. Carmichael, Agent

XTRA ENERGY CORPORATION

Box "9"

Signal Hill, CA 90801

Long Beach

Calif.

July 25, 1983

Your operations at well 50, API No. 037-22884,
Sec. 29, T. 4S, R. 13W S.B. B. & M. Wilmington Field, in Los Angeles County,
were witnessed on 7/9/83 by R. Navia, Engineer, representative of
the supervisor, was present from 0530 to 0630. There were also present R. Napier,
Drilling Foreman

Present condition of well: 16" dr 90'; 10-3/4" cem 608'. TD 615' (Drilling).

The operations were performed for the purpose of testing the blowout prevention equipment
and installation.

DECISION: APPROVED

NOTE: DEFICIENCIES TO BE CORRECTED
NONE

DEFICIENCIES CORRECTED
NONE

CONTRACTOR - Cal Pacific Drilling Co.

RN: csm

cc: Update

ACTING

State Oil and Gas Supervisor

By
ACTING

Deputy Supervisor

V.F. GAEDE

**DIVISION OF OIL AND GAS
BLOWOUT PREVENTION EQUIPMENT MEMO**

7-22-83
T18

Operator Energy Corp. Well 50 Field Wilmington County LA

VISITS: Date 7/9/83 Engineer R. Navie Time 0530 to 0630 Operator's Rep. R. Napier Title DF

1st 7/9/83 2nd

Casing record of well: 16" dv 90'; 10 3/4" cem 608' TD 615' (drilling)

OPERATION: Testing (inspecting) the blowout prevention equipment and installation.
DECISION: The blowout prevention equipment and installation are approved.

Proposed Well Opns: Drill MPSP: psi
Hole size: 14 3/4" fr. 0 ' to 615 ' " to ' & " to ' REQUIRED
BOPE CLASS: III B 2M

CASING RECORD (BOPE ANCHOR STRING ONLY)					Cement Details	Top of Cement	
Size	Weight(s)	Grade (s)	Shoe at	CP at		Casing	Annulus
<u>10 3/4"</u>	<u>40.5 #</u>	<u>V-55</u>	<u>608'</u>		<u>854 5x CLASS G</u> <u>(stab-in shoe)</u>	<u>652</u>	<u>57C</u>

BOP STACK							a	b	a/b	TEST DATA			
API Symb.	Ram Sz.	Mfr.	Model or Type	Size In.	Press. Rtg.	Date Last Overhaul	Gal. to Close	Rec. Time Min.	Calc. GPM Output	psi Drop to Close	Secs. to Close	Test Date	Test Press.
<u>A</u>	<u>12</u>	<u>Shaffer</u>	<u>-</u>	<u>12</u>	<u>3000</u>	<u>-</u>						<u>7/9</u>	<u>1000</u>
<u>Rd</u>	<u>4 1/2</u>	<u>Shaffer</u>	<u>B</u>	<u>12</u>	<u>"</u>	<u>-</u>						<u>"</u>	<u>1000</u>
<u>Rd</u>	<u>CSO</u>	<u>Shaffer</u>	<u>B</u>	<u>12</u>	<u>"</u>	<u>-</u>						<u>Rpt by E. Keady</u>	<u>1000</u>

ACTUATING SYSTEM			
Accum. Unit(s) Wkg. Press. <u>3000</u> psi			
Total Rated Pump Output <u>-</u> gpm			
Distance From Well Bore <u>100</u> ft.			
Mfr.	Accum. Cap.	Precharge	
<u>1 Roomly</u>	<u>90 gal.</u>	<u>1000 psi</u>	
<u>2</u>	<u>gal.</u>	<u>psi</u>	
CONTROL STATIONS			Elec. Hyd.
<input checked="" type="checkbox"/> Manif. at accum. unit			<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Remote at Drlr's stn. <u>pneumatic</u>			
Other:			
EMERG. BACKUP SYST.		Press.	Wkg. Fl.
<input checked="" type="checkbox"/> N2 Cyl	No: <u>2</u>	Type: <u>12/100</u>	<u>- gal</u>
Other:		<u>22/150</u>	<u>- gal</u>
		<u>3</u>	<u>gal</u>
		<u>4</u>	<u>gal</u>
		<u>5</u>	<u>gal</u>
		<u>6</u>	<u>gal</u>

AUXILIARY EQUIPMENT						
	No.	Sz. (in)	Rated Press.	Connections		
				Weld	Flan.	Thrd.
<input checked="" type="checkbox"/> Fill-Up Line						
<input checked="" type="checkbox"/> Kill Line		<u>2</u>	<u>3000</u>			<u>1000</u>
<input checked="" type="checkbox"/> Control Valve(s)	<u>3</u>					<u>"</u>
<input checked="" type="checkbox"/> Check Valve(s)	<u>1</u>					<u>"</u>
<input checked="" type="checkbox"/> Auxil. Pump Connec.						<u>"</u>
<input checked="" type="checkbox"/> Choke Line		<u>3</u>				<u>"</u>
<input checked="" type="checkbox"/> Control Valve(s)	<u>6</u>					<u>"</u>
<input checked="" type="checkbox"/> Pressure Gauge						
<input checked="" type="checkbox"/> Adjustable Choke(s)	<u>2</u>	<u>3</u>				<u>"</u>
<input checked="" type="checkbox"/> Bleed Line		<u>6</u>				
<input checked="" type="checkbox"/> Upper Kelly Cock						<u>1000</u>
<input checked="" type="checkbox"/> Lower Kelly Cock		<u>4 1/2</u>				<u>-</u>
<input checked="" type="checkbox"/> Standpipe Valve						<u>1000</u>
<input checked="" type="checkbox"/> Standpipe Pressure Ga.						
<input checked="" type="checkbox"/> Pipe Safety Valve		<u>4 1/2</u>	<u>✓</u>			<u>-</u>
<input checked="" type="checkbox"/> Internal Preventer		<u>4 1/2</u>				<u>-</u>

HOLE FLUID MONITORING EQUIPMENT			Alarm	Class
<input checked="" type="checkbox"/> Calibrated Mud Pit	Aud.	Vis.	<u>A</u>	
<input checked="" type="checkbox"/> Pit Level Indicator	<u>✓</u>	<u>✓</u>		<u>B</u>
<input checked="" type="checkbox"/> Pump Stroke Counter	<u>✓</u>	<u>✓</u>		
<input checked="" type="checkbox"/> Pit Level Recorder	<u>✓</u>	<u>✓</u>		<u>C</u>
Flow Sensor				
Mud Totalizer				
Calibrated Trip Tank				
Other:				

REMARKS:

Hole Fluid Type Clay base Weight 9.6 ppg Storage-Pits 350 bbls

DEFICIENCIES—TO BE CORRECTED

None

DEFICIENCIES—CORRECTED

None

CONTRACTOR

Cal Pacific Drilling Co.

REPORT ON PROPOSED OPERATIONS

SEC. 3606 WELL

848
(field code)
03
(area code)
00
(new pool code)
--
(old pool code)

John D. Carmichael, Agent

XTRA ENERGY CORPORATION

Box "9"

Signal Hill, CA 90801

Long Beach, California

June 24, 1983

Your _____ proposal to drill well 50,
A.P.I. No. 037-22884, Section 29, T. 4S, R. 13W, S.B. B. & M.,
Wilmington field, F.B. I, Onshore area, Ranger pool,
Los Angeles County, dated 6/16/83, received 6/17/83 has been examined in conjunction with records
filed in this office.

THE PROPOSAL IS APPROVED PROVIDED:

1. Blowout prevention equipment equivalent to this Division's Class IIIB-2M requirements, or better, shall be installed and maintained in operating condition.
2. Drilling fluid of a quality and in sufficient quantity to control all sub-surface conditions in order to prevent blowouts shall be used.
3. Sufficient cement shall be used to fill back of the 7" casing to reach above the base of the fresh waters which is at approx. 1700'.
4. This Division shall be consulted and a supplementary notice may be required before making any changes in the proposed program.
5. The provisions of Sec. 3606 relating to derricks and subsurface spacing shall be followed.
6. A directional survey shall be made and filed with this Division.
7. THIS DIVISION SHALL BE NOTIFIED:
 - a. To witness a test of the installed blowout prevention equipment prior to drilling out cement in the shoe of the 10-3/4" casing.
 - b. To witness a test of the effectiveness of the 7" shut-off above the Ranger zone.

RCM: csm

cc: Update

BLANKET BOND

M. G. MEFFERD, State Oil and Gas Supervisor

By [Signature]
V.F. GAEDE, ACTING Deputy Supervisor

A copy of this report and the proposal must be posted at the well site prior to commencing operations.
Records for work done under this permit are due within 60 days after the work has been completed or the operations have been suspended.

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

C.E.Q.A. INFORMATION			
EXEMPT CLASS <input checked="" type="checkbox"/>	NEG. DEC. <input type="checkbox"/>	E.I.R. <input type="checkbox"/>	DOCUMENT NOT REQUIRED BY LOCAL JURISDICTION <input type="checkbox"/>
	S.C.H. NO. _____	S.C.H. NO. _____	
See Reverse Side			

FOR DIVISION USE ONLY					
MAP	MAP BOOK	CARDS	BOND	FORMS	
				114	121

In compliance with Section 3203, Division 3, Public Resources Code, notice is hereby given that it is our intention to commence drilling well # 50, API No. 037-22884
(Assigned by Division)

Sec. 29, T. 4S, R. 13W, S.B. B. & M., Wilmington Field, Los Angeles County.

Legal description of mineral-right lease, consisting of _____ acres, is as follows: _____
(Attach map or plat to scale)

Map previously submitted.

Do mineral and surface leases coincide? Yes _____ No x. If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of well 497 feet N along section/property line and 827 feet E
(Direction) (Cross out one) (Direction)

at right angles to said line from the corner of section/property XBX
(Cross out one)
intersection of the centerlines of Main Street and Lomita Blvd.

Is this a critical well according to the definition on the reverse side of this form? Yes ☒ No ☐

If well is to be directionally drilled, show proposed coordinates (from surface location) at total depth:
872 feet S and 1375 feet E
(Direction) (Direction)

Elevation of ground above sea level 39 feet.

All depth measurements taken from top of Kelly Bushing that is 22 feet above ground.
(Derrick Floor, Rotary Table, or Kelly Bushing)

PROPOSED CASING PROGRAM

SIZE OF CASING INCHES API	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS	CALCULATED FILL BEHIND CASING (Linear Feet)
10 3/4"	40.5#	K-55	Surf	600'	600'	600'
7"	23#	K-55	Surf	3734'	3734'	1984'
5"	18#	K-55	3664'	3884'	wire wrapped "pipeless" screen with 0.012" slot.	

(A complete drilling program is preferred and may be submitted in lieu of the above program.)

Intended zone(s) FB I
of completion Ranger, 3230', SS, 1200 psi Estimated total depth 3884'
(Name, depth, and expected pressure)

It is understood that if changes in this plan become necessary we are to notify you immediately.

Name of Operator <u>Xtra Energy Corp.</u>		Type of Organization (Corporation, Partnership, Individual, etc.) <u>Corporation</u>	
Address <u>2501 Cherry Avenue Suite 270</u>		City <u>Signal Hill</u>	Zip Code <u>90806</u>
Telephone Number <u>(213) 424-8549</u>	Name of Person Filing Notice <u>John D. Carmichael</u>	Signature <u>John D. Carmichael</u>	Date <u>6/16/83</u>

This notice and indemnity or cash bond shall be filed, and approval given, before drilling begins. If operations have not commenced within one year of receipt of the notice, this notice will be considered cancelled.

Information for compliance with the California Environmental Quality Act of 1970 (C.E.Q.A.).

If an environmental document has been prepared by the lead agency, please submit a copy of the document with this notice or supply the following information:

Lead Agency: City of Carson

Lead Agency Contact Person: Joel Miller

Address: PO Box 6234

Carson CA 90749

Phone: (213) 830-7600

FOR DIVISION USE ONLY	
District review of environmental document (if applicable)?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Remarks:	

CRITICAL WELL

As defined in the California Administrative Code, Title 14, Section 1720(a), "Critical well" means a well within:

- (1) 300 feet of the following:
 - (A) Any building intended for human occupancy that is not necessary to the operation of the well; or
 - (B) Any airport runway.
- (2) 100 feet of the following:
 - (A) Any dedicated public street, highway, or nearest rail of an operating railway that is in general use;
 - (B) Any navigable body of water or watercourse perennially covered by water;
 - (C) Any public recreational facility such as a golf course, amusement park, picnic ground, campground, or any other area of periodic high-density population; or
 - (D) Any officially recognized wildlife preserve.

Exceptions or additions to this definition may be established by the supervisor upon his own judgment or upon written request of an operator. This written request shall contain justification for such an exception.

RECEIVED
JUN 17 11 29 AM '83

XTRA ENERGY CORPORATION

PROGRAM FOR DRILLING

WELL No. 50

Reference Point: KB which is 22' above G. E.
Surface Location: Lambert Coordinates N-4,039,625 E-4,205,428
Bottom Hole Location: Lambert Coordinates N-4,038,753 E-4,206,803
Elevation: 39' GE + 22' KB = 61'

Proposed Casing Program:

10-3/4" 40.5 # to be cemented at 600'
7 " 23 # to be cemented at 3734'
5 " 18 # to be hung at 3884', top @ 3664'.

Perfs: 3754' to 3884' Wire wrapped pipeless Johnson Screen liner with
0.012" slots.

Proposed Hole Size:

0' to 600' 14-3/4" hole
600' to 3884' 9-7/8" hole
3734' to 3884' 9-7/8" hole to be underreamed to 12".

Proposed Total Depth: 3884'

Directional Program

Deflect hole at 625' and increase inclination at 4°/100' in a S 57° 37' E direction to 38° at 3734'. Maintain 38° inclination to a depth of 3884'. Target is a 100' diameter circle with its center 872' South and 1375' East of the surface site. A total displacement of 1629'.

Mud Program

1. For drilling from surface to 600', use a safe fresh water clay base mud.
2. For drilling from 600' to 3884', use a fresh water clay base mud with the following properties.
 - a. Weight 72 #/CF
 - b. Fluid loss 5 cc
 - c. P.V. 8 - 14 cps
 - d. YP 4 - 6#/100 sq. ft.
 - e. Funnel vis 38 - 42"
 - f. Solids 12%

Well No. 50

3. For underreaming 9-7/8" hole to 12", use a polymer mud with the following properties.

a.	Weight	72#/CF
b.	P.V.	12 - 18 cps
c.	YP	4 - 6 #/100 sq. ft.
d.	Funnel vis	34 - 38"
e.	Solids	Minimum
f.	KCl (KCl)	4%

BOP Requirements

1. Bag type - Hydraulic 10" - 3000. 3000 psi WOG.
2. Ram type - double, hydraulic, 10" - 3000, 3000 psi WOG.
3. Accumulator - 80 gallon with dual controls.

Program

1. Install 16" conductor pipe to \pm 40'.
2. Move in and rig up rotary equipment.
3. Drill 14-3/4" hole to 600'.
4. Run 10-3/4", 40.5#, J-55 casing to 600'. Casing to be fitted with a B & W stab-in shoe and centralizers on 1st, 2nd and 3rd joints. Cement 10-3/4" casing with 300 sacks of API class "G" cement mixed 1:1 with peralites and 4% Gel followed by enough neat "G" cement to get cement returns. All cement to be mixed with 2% CaCl_2 .
5. Install wellhead and BOP. Representative of D.O.G. to witness pressure test of B.O.P.
6. Run 9-7/8" bit and clean out to 600'. Drill 9-7/8" hole to 3884'.
7. Run Induction electric log from total depth to the shoe of the 10-3/4" casing. Use 20 ohm scale. Two field prints are required including one with 5" scale.
8. Run 7", 23#, K-55 casing to 3734'. Casing to be fitted with a Baker basket shoe and Baker float collar 2 joints above shoe. Centralizers to be installed on 1st, 2nd, 4th and 6th joints above shoe. Cement 7" casing as follows: 300 linear feet (80 CF) of "mud sweep" or equivalent followed by 211 sacks of class G cement mixed 1:1:4 (cement:perlite:gel) mixed with 2% CaCl_2 , followed by 100 sacks of G cement, neat. Cement to reach 1750' TVD. Land Casing.

Page three

9. After 24 hours, clean out cement to 3724' (± 10' above shoe). Run combination jet perforator and casing tester. Shoot 4 holes as directed and test water shut off. Results of WSO test to be witnessed by representative of California Division of Oil and Gas.
10. Run 6-1/4" bit, drill out shoe at 3734' and clean out to 3884'.
11. Change over to Polymer completion fluid.
12. Underream 9-7/8" hole to 12" from the 7" casing shoe to total depth. Run Caliper log.
13. Make up and run 5", 18#, K-55 liner as directed.
14. Gravel pack 5" x 12" annulus with 95 CF of 20 - 40 mesh gravel.
15. Displace Polymer mud in hole with salt water and close in.
16. Move out rotary equipment.

No. 50
TLL:JDC:sc
6-15-83